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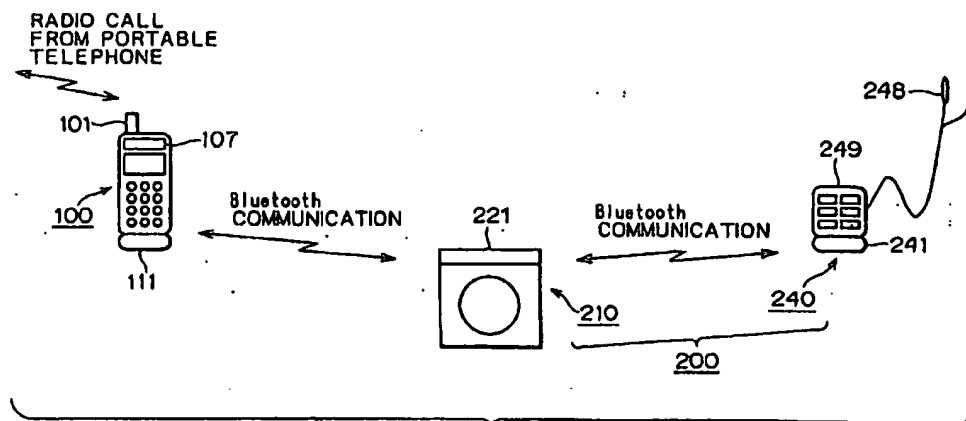
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(54) Telephone set, communication adaptor, home appliance control method, and program recording medium

(57) The invention relates to a telephone set comprises a connection means to execute a connecting process for enabling transmission and reception of an information signal to and from a home appliance such as a general audio device remote-controllable by radio communication; a control means for generating, upon arrival of an incoming call, a remote control signal such as a pause command to the home appliance; and a radio

communication means for sending the remote control signal to the home appliance by radio communication. Thus, upon arrival of an incoming call at the telephone set, the remote control signal is sent to the audio device or the like either directly from the telephone set or via a communication adaptor installed therein, hence pausing or muting the output of the audio device under remote control. Such control action enables a user to perceive the incoming call with facility.

FIG. 1



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Application Number
EP 00 31 0042

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 920 806 A (GUESSANT HERVE) 6 July 1999 (1999-07-06) * column 2, line 48 - column 3, line 64 * * column 4, line 58 - column 5, line 4 * * figures 1-3 *	1,14,26	H04M1/725
Y		2-12, 15-25, 27-37	
X	DE 299 12 828 U (LEAD ELECTRONIC CO E) 11 November 1999 (1999-11-11) * page 4, paragraph 3 - page 5, paragraph 2 * * figure 1 *	13	
A		12,25,37	
Y	US 5 542 102 A (CHATZIPETROS ARGYRIOS ET AL) 30 July 1996 (1996-07-30) * column 2, line 16 - column 3, line 19 * * column 3, line 53-63 * * figure 1 *	3,7-12, 16, 20-25, 28,32-37	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04M
Y	HAARTSEN J ET AL: "BLUETOOTH: VISION, GOALS, AND ARCHITECTURE" MOBILE COMPUTING AND COMMUNICATIONS REVIEW, ACM, NEW YORK, NY, US, vol. 2, no. 4, 1 October 1998 (1998-10-01), pages 38-45, XP000784002 ISSN: 1091-1669 * page 41, paragraph III.D * * page 44, paragraph IV.A *	2,4-6, 15, 17-19, 27,29-31	
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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 16 January 2004	Examiner Kanlis, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EUROPEAN SEARCH REPORT

Application Number
EP 00 31 0042

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	GB 2 308 775 A (NIPPON ELECTRIC CO) 2 July 1997 (1997-07-02) * page 10, line 1-23 * * page 12, line 8-27 * * figures 1,2 * -----	1,3,9-12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 (03.02) (P04C01)

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ON EUROPEAN PATENT APPLICATION NO.**

EP 00 31 0042

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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16-01-2004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5920806	A	06-07-1999	FR	2739517 A1	04-04-1997
			EP	0766438 A1	02-04-1997
			JP	9191337 A	22-07-1997

DE 29912828	U	11-11-1999	US	6397086 B1	28-05-2002
			DE	29912828 U1	11-11-1999

US 5542102	A	30-07-1996	CA	2153537 A1	02-02-1996
			FR	2723283 A1	02-02-1996
			GB	2292042 A ,B	07-02-1996
			JP	8065741 A	08-03-1996

GB 2308775	A	02-07-1997	JP	9187060 A	15-07-1997
			AU	704782 B2	06-05-1999
			AU	7540296 A	03-07-1997

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82